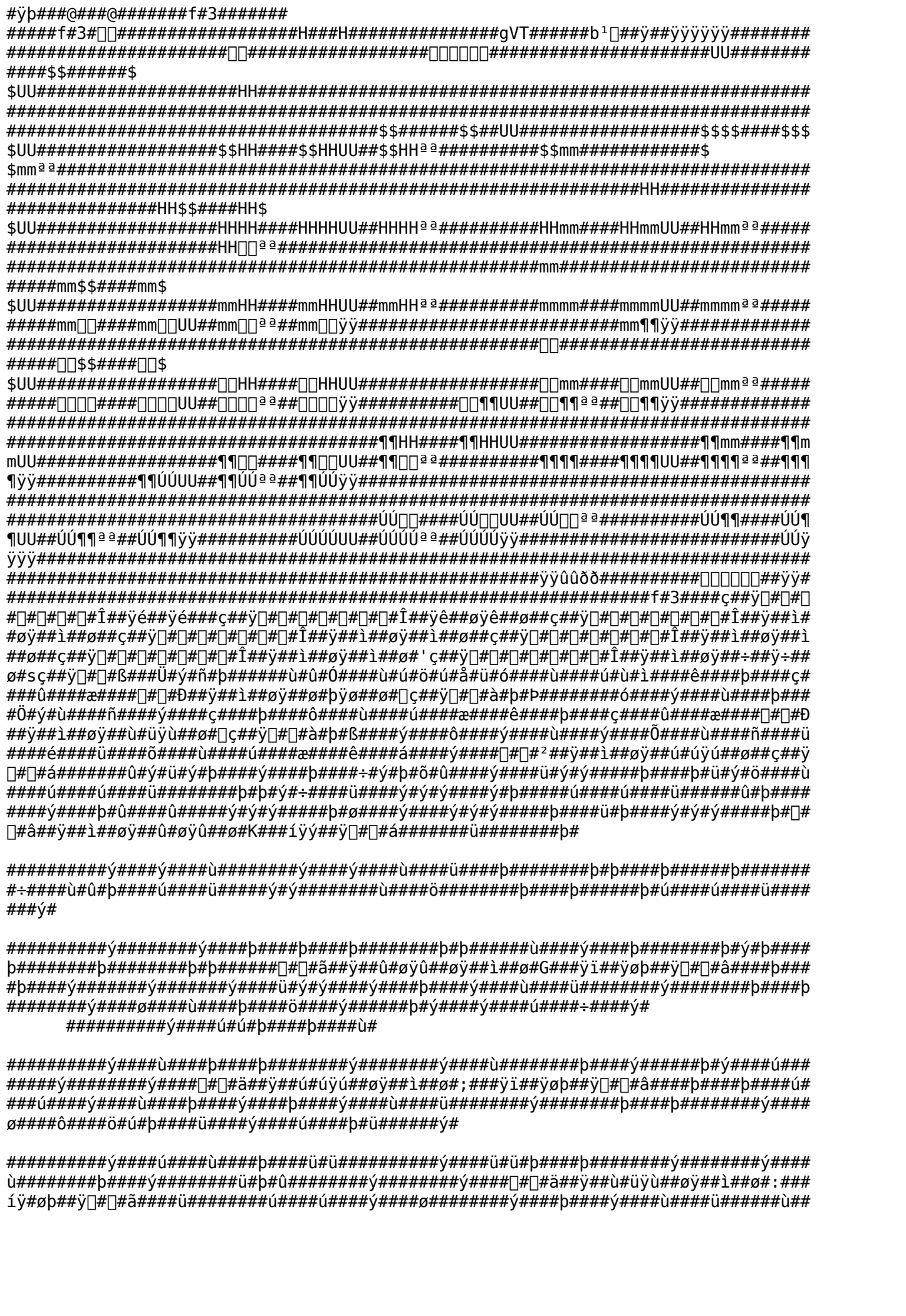

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Deep Space Surveillance (GEODSS) Upgrade #Prototype System##
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#########ÿ¥#ÿÿ#d#########Z#(#########DObjectivesThe Ground-Based Electro Optical Deep Space Surveillance (GEODSS) Upgrade Prototype ACTD will evaluate the military utility of eliminating a major space surveillance gap with a lower cost, more capable and accurate, transportable sensor system incorporating recently maturing technologies. This will be the first step toward meeting a unfilled need for deep space surveillance.TechnologyThe technology used for this ACTD will include a charged couple device sensor and a more accurate, faster search and track signal processor. Cloud sensing capability will greatly improve search efficiency by avoiding obscured areas of the sky.Lead Service and User SponsorThe Air Force will be the lead Service, and Air Force Space Command will be the User Sponsor. The acquisition agent for this ACTD is Air Force Material Command. ScheduleA precursor demonstration is currently taking place in Socorro, New Mexico, and will continue until February, 1997. The system will be missionized during the ACTD and deployed overseas in August, 1997, for the demonstration and evaluation.#

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